



April 23, 2012

JET INC.
TRENT LYBIC
750 ALPHA DRIVE
CLEVELAND OH 44143

Re: Description: SEWAGE TREATMENT SYSTEMS, AERATED (also see SEWAGE TREATMENT APPARATUS)
Manufacturer: JET INC.
Product Name: BAT® MEDIA WASTEWATER TREATMENT PLANT
Model Number(s): J-500
[MAX. DWF = 500 GPD; 1.0 LBS. BOD5/DAY]
Product File No: 20120126

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of SEPTEMBER 2017.**

This approval is contingent upon compliance with the following stipulation(s):

- This product must have a warning label located on the cover over the settling chamber stating "DO NOT PUMP FROM THIS RISER."
- 1. A copy of this approval letter must be supplied to the buyer and installer of each tank sold.
 2. All laitance, loose or foreign material must be removed from each joint surface prior to the sealant being applied.
 3. Continuous sealant meeting Federal Specification SS-S-00210-A must be applied to each tongue and groove wall joint.
 4. After placement of the concrete sections on the sealant, continuous squeeze-out of the sealant must be visible inside and outside the tank.
 5. A certified plumbing inspector must confirm compliance with limitations 2, 3 and 4 above, by direct observations during each process.
- All manhole covers terminating above grade must have effective locking devices.
- When this product receives wastewater from dwellings, it will produce an effluent quality with a maximum monthly average value for BOD5 of less than or equal to 30 mg/L, TSS of less than or equal to 30 mg/L TSS and F.O.G. of less than 30 mg/L.
- This product must have installed a department-approved effluent filter capable of filtering particles of 1/8 inch in size or larger.
- Model 770LL aerator must be used with this product.

- AS OF MARCH 1, 2009 ALL ELECTRICAL CONNECTIONS FOR PRIVATE SEWAGE SYSTEMS MUST COMPLY WITH S. SPS 16.300 (FORMERLY S. COMM 16.300) WIRING METHODS.
- **A copy of this approval letter must accompany each installation of this product in the State of Wisconsin.**
- **This product must be installed in a department-approved tank that meets the design criteria for this product, as specified by the device manufacturer. For concrete tanks see:**
http://commerce.wi.gov/php/sb-ppalopp/prodcode_result.php/STC/SEWAGE_TANKS, CONCRETE .

TABLE 1.

INSPECTION, MAINTENANCE AND PUMPING
JET INC. BAT® MEDIA WASTEWATER TREATMENT PLANT
PRODUCT (Models): J-500; J-750; J-1000; J-1250; and J-1500

DESCRIPTION:	Biologically Accelerated Treatment (BAT) device housed in a 3-compartment plant
Initial/Startup Inspection/ Maintenance:	serviced by manufacturer representative at 6-mo. intervals, in addition to a 6 mo. inspection at initial operation
Routine Inspection/Maintenance:	see manufacturer's service policy; proper credential required; Jet Inc. or local distributor may train
Ongoing Pumping Cycle And/OR Requirements:	3-5 year cycle, or as required by local governmental unit or state
Back-Wash Cycle:	N/A
Effluent Performance Levels:	CLASS I NSF-40 LISTED; for max. BOD5 loading, see approvals for individual models.
BOD5 Credit For Downsizing Distribution Area:	YES *
Fecal Credit For Reduction Of Vertical Separation:	NO
Additional Comments:	NONE

* Proper function based on domestic wastewater or flows with similar wastewater characteristics.

This approval supersedes the approval issued on 10/29/2007 under product file number 20070432.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20070432.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST
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